BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2016-17/OW/WORK_INDENT24418

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/20/2016-17, Date: 12.01.2017

Drilling of borewells, Providing pump motor and commissioning in Ward No. 09, (Vidyaranyapura), Vidyaranyapura sub Division

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of R MADHUSUDAN	
				In Figures	In Words
1	4	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction	Each	1882.0	Rupees One Thousand Eight Hundred Eighty Two Only
2	200	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 0 to 50 m	Rmtr	300.0	Rupees Three Hundred Only
3	200	50 to 100 m	Rmtr	400.0	Rupees Four Hundred Only
4	200	100 to 150 m	Rmtr	445.0	Rupees Four Hundred Forty Five Only
5	200	150 to 200 m	Rmtr	470.0	Rupees Four Hundred Seventy Only
6	200	200 to 250 m	Rmtr	544.0	Rupees Five Hundred Forty Four Only
7	200	250 to 300 m	Rmtr	583.0	Rupees Five Hundred Eighty Three Only
8	280	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty	Rmtr	1325.0	Rupees One Thousand Three Hundred Twenty Five Only
9	72	Providing 250mm dia PVC Pipe 6kg/cm	Rmtr	754.47	Rupees Seven Hundred Fifty Four and Forty Seven Paise Only
10	4	Providing and fixing 160mm Borewell Cap	Each	100.0	Rupees One Hundred Only
11	4	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps including of all taxes 12.5 HP 25 Stage	No	60400.0	Rupees Sixty Thousand Four Hundred Only

Signature of the contractor

Executive Engineer

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	Approved Qty.	Description	Unit	Approved Tender Rates of R MADHUSUDAN	
				In Figures	In Words
12	1080	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark	Rmtr	375.0	Rupees Three Hundred Seventy Five Only
13	180	Heavy Duty Collar 50 mm dia	No	130.0	Rupees One Hundred Thirty Only
14	2240	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 6 Sqm mm	mtr	188.7	Rupees One Hundred Eighty Eight and Seventy Paise Only
15	180	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00)	Each	88.0	Rupees Eighty Eight Only
16	4	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,	Each	302.0	Rupees Three Hundred Two Only
17	120	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A	Mtr	140.4	Rupees One Hundred Forty and Forty Paise Only
18	120	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 6Sqmm to 16 Sqmm)	mtr	10.8	Rupees Ten and Eighty Paise Only
19	100	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)	mtr	85.0	Rupees Eighty Five Only
20	16	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV 40mm dia GI pipe	mtr	345.0	Rupees Three Hundred Forty Five Only
21	4	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., 16Sqmm	No	280.0	Rupees Two Hundred Eighty Only
22	4	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia,	No	2727.0	Rupees Two Thousand Seven Hundred Twenty Seven Only
23	24	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32 Amps	No	180.0	Rupees One Hundred Eighty Only
24	4	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications	No	1585.76	Rupees One Thousand Five Hundred Eighty Five and Seventy Six Paise Only
25	4	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete 50 mm dia.	No	227.9	Rupees Two Hundred Twenty Seven and Ninety Paise Only
26	16	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete	No	80.0	Rupees Eighty Only
27	4	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications	No	350.0	Rupees Three Hundred Fifty Only

Signature of the contractor

Executive Engineer

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				In Figures	In Words
28	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps	No	1547.0	Rupees One Thousand Five Hundred Forty Seven Only
29	93600	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	sqcm	0.33	and Thirty Three Paise Only
30	4	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 12.5HP to 15 HP Star Delta Starter	no	11000.0	Rupees Eleven Thousand Only
31	1188	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. Hard Soil	cum	30.0	Rupees Thirty Only
32	2640	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., 75 mm dia 6 KSC PVC pipe	Rmtr	157.0	Rupees One Hundred Fifty Seven Only
33	1188	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs	cum	61.0	Rupees Sixty One Only
34	8	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	2175.12	Rupees Two Thousand One Hundred Seventy Five and Twelve Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

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